

## Supplementary Information

Rice bran protein oxidation induced by rancidity alters the gut microbiota  
and intestinal permeability in mice

Fang Li<sup>a,b</sup>, Zhuoran Kang<sup>a, b</sup>, Xiaojuan Wu<sup>a,b\*</sup>, Wei Wu<sup>a,b\*</sup>

<sup>a</sup> *College of Food Science and Engineering, Central South University of Forestry and  
Technology, 498 Southern Shaoshan Road, Changsha, Hunan 410004, P. R. China*

<sup>b</sup> *National Engineering Research Center of Rice and By-product Deep Processing, 498  
South Shaoshan Road, Changsha, Hunan 410004, P. R. China*

Table S1 Primers sequences for RT-qPCR.

Genes	Forward	Reward
Occludin	CACGAAGGGGAAAGCAGGAA	CCCACCTGTCGTGTAGTCTG
Claudin	ACCAACTGCGTACAAGACGAG	CAGAGCCGCCAACAGGAAA
ZO-1	ACCCGAAACTGATGCTGTGGATA	AAATGGCCGGGCAGAGTACGCTG
GAPDH	GCATCCTCTTCCTCCCTGG	CGGATGTCAACGTCACACTT

Fig. S1. Effects of oxidized RBP on the body weight of mice.

